

Amendments to the Claims:

Claim 1. (Currently Amended) A vector DNA for expressing two foreign genes, said vector DNA comprising the following components in order from the 5' side to the 3' side:

- (a) an expression regulatory sequence;
- (b) a splicing donor sequence;
- (c) a first foreign gene insertion site;
- (d) an RRE core sequence;
- (e) a splicing acceptor sequence; and
- (f) a second foreign gene insertion site,

and said vector DNA further comprising a packaging signal, in which the translation initiation codon of a gag protein is mutated.

Claim 2. (Original) The vector DNA of claim 1, wherein said RRE core sequence comprises a retrovirus, a lentivirus, or an immunodeficiency virus RRE core sequence.

Claim 3. (Original) The vector DNA of claim 1, wherein said expression regulatory sequence comprises an LTR.

Claim 4. (Original) The vector DNA of claim 1, wherein said expression regulatory sequence is a sequence comprising an expression regulatory sequence other than an LTR.

Claim 5. (Original) The vector DNA of claim 4, wherein said expression regulatory sequence other than an LTR is selected from the group consisting of the CMVL promoter, the CMV promoter, and the EF1 α promoter.

Claim 6. (Original) The vector DNA of claim 1, wherein each of said splicing donor sequence and said splicing acceptor sequence comprise a retrovirus, a lentivirus, or an immunodeficiency virus sequence.

Claim 7. (Currently Amended) The vector DNA of claim 1, wherein said ~~vector~~ ~~DNA further comprises a packaging signal~~ is in a region thereon that can be transcribed.

Claim 8. (Original). The vector DNA of claim 7, wherein said packaging signal comprises a retrovirus, a lentivirus, or an immunodeficiency virus packaging signal.

Claims 9-10. (Cancelled)

Claim 11. (Original) The vector DNA of claim 1, wherein a first foreign gene and a second foreign gene are inserted into said vector DNA.

Claim 12. (Currently Amended) A retrovirus vector comprising, within a virus particle thereof, a transcription product from the vector DNA according to claim 1 ~~any one~~

~~of claims 7 to 10~~, wherein a first foreign gene and a second foreign gene have been inserted into said vector DNA.

Claim 13. (Currently Amended) A lentivirus vector comprising, within a virus particle thereof, a transcription product from the vector DNA according to claim 1~~any one of claims 7 to 10~~, wherein a first foreign gene and a second foreign gene have been inserted into said vector DNA.

Claim 14. (Currently Amended) An immunodeficiency virus vector comprising, within a virus particle thereof, a transcription product from the vector DNA according to claim 1~~any one of claims 7 to 10~~, wherein a first foreign gene and a second foreign gene have been inserted into said vector DNA.

Claim 15. (Currently Amended) A method for preparing a virus vector, said method comprising the steps of introducing into a packaging cell the vector DNA according to claim 1~~any one of claims 7 to 10~~, wherein a first foreign gene and a second foreign gene are inserted into said vector DNA, and collecting produced virus particles from a culture supernatant of said cell.

Claim 16. (Original) A vector DNA for expressing two foreign genes, said vector DNA comprising the following components in order from the 5' side to the 3' side:

(a) an expression regulatory sequence;

- (b) a splicing donor sequence;
- (c) an RRE core sequence;
- (d) a first foreign gene insertion site;
- (e) a splicing acceptor sequence; and
- (f) a second foreign gene insertion site.

Claim 17. (Original) The vector DNA of claim 16, wherein said RRE core sequence comprises a retrovirus, a lentivirus, or an immunodeficiency virus RRE core sequence.

Claim 18. (Original) The vector DNA of claim 16, wherein said expression regulatory sequence comprises an LTR.

Claim 19. (Original) The vector DNA of claim 16, wherein said expression regulatory sequence is a sequence comprising an expression regulatory sequence other than an LTR.

Claim 20. (Original) The vector DNA of claim 19, wherein said expression regulatory sequence other than an LTR is selected from the group consisting of the CMVL promoter, the CMV promoter, and the EF1 α promoter.

Claim 21. (Original) The vector DNA of claim 16, wherein each of said splicing donor sequence and said splicing acceptor sequence comprise a retrovirus, a lentivirus, or an immunodeficiency virus sequence.

Claim 22. (Original) The vector DNA of claim 16, wherein said vector DNA further comprises a packaging signal in a region thereon that can be transcribed.

Claim 23. (Original) The vector DNA of claim 22, wherein said packaging signal comprises a retrovirus, a lentivirus, or an immunodeficiency virus packaging signal.

Claim 24. (Original) The vector DNA of claim 23, wherein said vector DNA is constructed so as not to express a complete gag protein.

Claim 25. (Original) The vector DNA of claim 24, wherein the translation initiation codon of said gag protein is mutated.

Claim 26. (Original) The vector DNA of claim 16, wherein a first foreign gene and a second foreign gene are inserted into said vector DNA.

Claim 27. (Original) A retrovirus vector comprising, within a virus particle thereof, a transcription product from the vector DNA according to any one of claims 22 to

25, wherein a first foreign gene and a second foreign gene have been inserted into said vector DNA.

Claim 28. (Original) A lentivirus vector comprising, within a virus particle thereof, a transcription product from the vector DNA according to any one of claims 22 to 25, wherein a first foreign gene and a second foreign gene have been inserted into said vector DNA.

Claim 29. (Original) An immunodeficiency virus vector comprising, within a virus particle thereof, a transcription product from the vector DNA according to any one of claims 22 to 25, wherein a first foreign gene and a second foreign gene have been inserted into said vector DNA.

Claim 30. (Original) A method for preparing a virus vector, said method comprising the steps of introducing into a packaging cell the vector DNA according to any one of claims 20 to 23, wherein a first foreign gene and a second foreign gene are inserted into said vector DNA, and collecting produced virus particles from a culture supernatant of said cell.